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**From:** Dietz, Linda [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=F286A4935DBB46BC91E741807AC3D19A-LDIETZ]  
**Sent:** 3/28/2017 6:57:57 PM  
**To:** Epps, John [epps.john@epa.gov]  
**Subject:** RE: Bishop Tube

No – that is unnecessary. I'll fill you in later.

**Linda Dietz**, Associate Director  
Office of Superfund Site Remediation  
Hazardous Sites Cleanup Division  
EPA Region 3  
215-814-3195  
Dietz.linda@epa.gov

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**From:** Epps, John  
**Sent:** Tuesday, March 28, 2017 2:57 PM  
**To:** Dietz, Linda <Dietz.Linda@epa.gov>  
**Subject:** RE: Bishop Tube

Not that I know of, I hadn't reached out to PADEP since I didn't know what the actual issue was yet. Dustin works for Bonnie, I can reach out to her if you want or if there is a specific question we need answered.

**John F. Epps III**  
Chief, Eastern Pennsylvania Remedial Branch  
Hazardous Site Cleanup Division  
U.S. Environmental Protection Agency - Region 3  
1650 Arch Street (Mail Code 3HS21)  
Philadelphia, PA 19103  
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[epps.john@epa.gov](mailto:epps.john@epa.gov)

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**From:** Dietz, Linda  
**Sent:** Tuesday, March 28, 2017 2:49 PM  
**To:** Epps, John <[epps.john@epa.gov](mailto:epps.john@epa.gov)>  
**Subject:** Re: Bishop Tube

Thanks- I gave Karen a copy of the write from the CCHD mtg. Is there anything new on this ?

Sent from my iPhone

On Mar 28, 2017, at 2:47 PM, Epps, John <[epps.john@epa.gov](mailto:epps.john@epa.gov)> wrote:

Hi Linda,

Kris left me a VM that Bishop Tube was discussed at the manager's meeting today, below is the update provided by PADEP at the CCHD meeting just in case it helps. Please let me know what you need me to do to follow up on this.

**Site Name: Bishop Tube**

County: Chester

Municipality: East Whiteland Township

Lat/Long: 40.04/-75.536944

House Rep: Duane Milne (167<sup>th</sup> Hse Dist)

Senate: Andrew E. Dinniman (19<sup>th</sup> Sen Dist)

Date Updated: January 19, 2017

DEP Contact: Dustin A. Armstrong

eFACTS PrimFac #: 617200

**Brief History:**

The Bishop Tube site was used for manufacturing stainless steel tubes from the 1950's until 1999, under a variety of different owners. Trichloroethene (TCE) has been detected in soil, surface water, groundwater and indoor air at the site. Three main sources of TCE include two former vapor degreasers and a drum storage area. Groundwater sampling has revealed extremely high concentrations of TCE (indicative of free-phase liquid) migrating from the site.

**Human Health & Environmental Impact and Completed Response Actions:**

TCE is present in one down gradient home well used as a water supply. The home was fitted with a carbon filtration unit by Christiana Metals (a former property owner/operator of Bishop Tube). The EV stream Little Valley Creek has been found to contain elevated TCE levels for more than a mile downstream. The full down gradient and vertical extent of groundwater contamination is currently being assessed by Johnson Matthey, Inc. and Whittaker Corp. (JM/Whittaker) (former operators of Bishop Tube) under an agreement with the DEP.

**Cleanup Status:**

Several data gaps were noted in the August 2015 Remedial Investigation (RI) submitted by JM/Whittaker. Roux Associates (consultant for JM/Whittaker) is preparing a plan for additional characterization work. These tasks include follow up vapor intrusion assessment and further delineation of the downgradient groundwater plume.

Roux is also preparing a Feasibility Study to evaluate options to address sources of contamination (within the bedrock), surface water, and groundwater.

Roux's study of bioremediation as an alternative to the air sparge/soil vapor extraction system installed by DEP did not demonstrate effective reduction of TCE under the former manufacturing building. The property owner Constitution Drive Partners (CDP) has proposed remediating the saturated and unsaturated soil hotspots by excavation and, in cooperation with the Chester County Economic Development Council is seeking a grant from the Department of Community and Economic Development to perform the work. DEP will be reviewing CDP's remediation scope of work as part of the grant application process.

CDP has proposed residential development for the Site, and is working with the DEP and the Township to gain approvals to move forward. Development plans will address potential exposure and migration pathways through engineering controls and minimizing storm water infiltration.

**John F. Epps III**

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